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Patent
Attorney's Docket No. 005950-835

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)
)
Theo Maesen, et al.) Group Art Unit: 1764
)
Application No.: 10/622,185) Examiner: Unassigned
)
Filed: July 16, 2003) Confirmation No.: 2238
)
For: Processes for Concentrating Higher)
Diamondoid)

INFORMATION DISCLOSURE STATEMENT
TRANSMITTAL LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Enclosed is an Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

- ☒ No additional fee for submission of an IDS is required.
- ☐ The fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge \$ _____ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of \$ _____ is enclosed for the fee due.

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

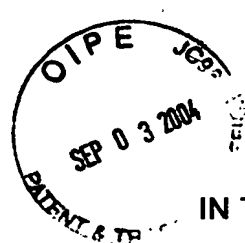
BURNS, DOANE, SWECKER & MATHIS, L.L.P.

Stephen F. Powell

Date: 9-2-04

By: Stephen F. Powell
Registration No. 43,014

P.O. Box 1404
Alexandria, Virginia 22313-1404
(650) 622-2300



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In re Patent Application of)	
)	
Maesen et al.)	Group Art Unit: 1764
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Application No.: 10/622,185)	Examiner:
)	
Filed: July 16, 2003)	Confirmation No.: 2238
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For: Processes for Concentrating Higher)	
Diamondoids)	

SECOND INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98.

Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed. However, copies of the listed U.S. patents and U.S. patent application publications are not enclosed since it is no longer required according to the July 11, 2003 waiver of the requirement for copies of cited U.S. patents and U.S. patent application publications in national patent applications filed after June 30, 2003 and international applications entering the national stage under 35 U.S.C. § 371 after June 30, 2003.

The documents are being submitted within three (3) months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later. Since these documents are being filed within the time period set forth in 37 C.F.R. § 1.97(b), no fee or statement is required. If, however, an Office Action issues in the meantime, the Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required to Deposit Account No. 02-4800.

While this Information Disclosure Statement may contain "material" information pursuant to 37 C.F.R. § 1.56, it is not intended to constitute an admission that any patent, publication or other information referred to herein is "prior art" to the invention disclosed and claimed in the above-referenced application unless specifically designated as such.

Applicants specifically reserve the right, where appropriate, to antedate any such reference by the appropriate showing under 37 C.F.R. § 1.131 and § 1.608, or any other appropriate means.

This Information Disclosure Statement is not a representation that a search has been made or that no other information material to the patentability of this invention exists. To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner-initialed copy of this form be returned to the undersigned.

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Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

Date 9-2-04

By: Stephen F. Powell
Stephen F. Powell
Registration No. 43,014

P.O. Box 1404
Alexandria, Virginia 22313-1404
(650) 622-2300

SEP 03 2004

SECOND INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

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of

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Complete if Known

Application Number	10/622,185
Filing Date	July 16, 2003
First Named Inventor	Theo Maesen et al.
Examiner Name	
Attorney Docket Number	005950-835

U.S. PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)
	6,743,290		Dahl et al.	06-01-2004
	6,534,437		Eijsbouts et al.	03-18-2003
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Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	Translation	
					Yes	No
	00/41810	A1	WO	07-20-2000	X	
	00/14811	A1	WO	07-20-2000	X	
	00/42124	A1	WO	07-20-2000	X	
	00/42125	A1	WO	07-20-2000	X	
	00/42126	A1	WO	07-20-2000	X	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

Substitute for form 1449A/PTO & 1449B/PTO			Complete if Known		
SECOND INFORMATION DISCLOSURE STATEMENT BY APPLICANT <small>(use as many sheets as necessary)</small>			Application Number	10/622,185	
			Filing Date	July 16, 2003	
			First Named Inventor	Theo Maesen et al.	
			Examiner Name		
Sheet	2	of	2	Attorney Docket Number	005950-835

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	00/42128	A1	WO	07-20-2000	X	
	01/45071	A2	WO	06-28-2001	X	

NON-PATENT LITERATURE DOCUMENTS	
Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	Fort, Jr., et al., <i>Adamantane: Consequences of the Diamondoid Structure</i> , <u>Chem. Rev</u> 64 , 277-300 (1964)
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	Dahl, et al., <i>Diamondoid Hydrocarbons as Indicators of Natural Oil Cracking</i> , <u>Nature</u> , 54-57 (1999)
	McKervey, <i>Synthetic Approaches to Large Diamondoid Hydrocarbons</i> , <u>Tetrahedron</u> 36 , 971-992 (1980)
	Chung et al., <i>Recent Development in High-Energy Density Liquid Fuels</i> , <u>Energy and Fuels</u> 13 , 641-649 (1999)
	Balaban et al., <i>Systematic Classification and Nomenclature of Diamond Hydrocarbons-I</i> , <u>Tetrahedron</u> 34 , 3599-3606 (1978)
	Rollman et al, <i>Adamantane for Petroleum with Zeolites</i> , <u>Abstracts</u> , 210 th ACS National Meeting, Chicago, IL, August 20-24, 1995 – Fuel, pgs. 1012-1017
	Wingert, G.C.-M.S. <i>Analysis of Diamondoid Hydrocarbons in Smackover Petroleum</i> , <u>Fuel</u> 71 , 38 (January 1992)
	USSN 10/012,545 "Compositions Comprising Tetramantanes and Processes for Their Separation", filed December 12, 2001, Inventors Dahl, et al., Attorney Docket No. 005950-755.

Examiner Signature		Date Considered	
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